

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Billot et al.

Serial No.:

10/511,736

Case No.: MC058YP

Filed:

10/18/2004

For:

EP4 RECEPTOR AGONIST, COMPOSITIONS AND METHODS THEREOF

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Communication

Sir:

Please see attached Request for Corrected Filing Receipt that was originally sent on August 22, 2005. Please note that on the cover page the USPTO Serial No., was incorrectly stated as "10/511, 738", the correct serial number is 10/511,736. I have indicated the correction on the attached copy of the Request for Corrected Filing Receipt.

I have the contributed this correspondence is be deposited with a latter taxe. It all Service as first class main in an envelope addressed to: Commissioner for Patents, P.O. Box 1450. Alexandria, Virginia 22313-1450, on the date appearing below.

MERCK & CO., INC.

By (!.) ONL

__Date___4

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Enclosures

Date: September 1, 2005

Respectfully submitted,

By Sylvia A. Ayler, Reg. No. 36,45

Attorney for Applicants

MERCK & CO., INC.

P.O. Box 2000

Rahway, New Jersey 07065-0907

(732) 594-4909





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10/511,738 10/511,736 Case No.: MC058YP

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REQUEST FOR CORRECTED FILING RECEIPT

Attached is a copy of the official filing receipt received from the Patent and Trademark Office in the Sir: above application for which issuance of a corrected filing receipt is respectfully requested.

There is an error with respect to the title of the patent application the correct title is "EP4 Receptor Agonist, Compositions and Methods Thereof' a copy of the filing receipt indicating change, a copy of the declaration and Power of Attorney and the transmittal letter is enclosed for your reference.

There is no fee believed due.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, 20. Box 1450, Alexandria, Virginia 22313-1450, on the date appearing below.

MERCK & CO., INC.

Date Mura

Enclosures

Date: August 22, 2005

Respectfully submitted,

Sylvia A. Ayler, Reg.

Attorney for Applicants MERCK & CO., INC.

P.O. Box 2000

Rahway, New Jersey 07065-0907

(732) 594-4909



Page 1 of 3

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United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE UNITED STATES DEPARTMENT OF COMME United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. DER 1430 Alexandra, Vignita 22313-1450 www.unptb.gov

IND CLMS TOT CLMS DRAWINGS ATTY.DOCKET NO FIL FEE REC'D 2 26 FILING OR 371 ART UNIT MC058YP (c) DATE APPL NO. 1614 10/18/2004 10/511.736

MERCK AND CO., INC P O BOX 2000 RAHWAY, NJ 07065-0907 KATHY KLUTKOWSKI

CONFIRMATION NO. 2550

FILING RECEIPT *OC000000016401406*

Date Mailed: 07/05/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Xavier Billot, Montreal, CANADA; Robert N. Young, Senneville, CA; Yongxin Han, Kirkland, CA;

Power of Attorney: The patent practitioners associated with Customer Number 210.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/CA03/00838 06/02/2003 which claims benefit of 60/386,499 06/06/2002 and claims benefit of 60/460,134 04/03/2003 * (*)Data provided by applicant is not consistent with PTO records.

Foreign Applications

Projected Publication Date: 10/06/2005

Non-Publication Request: No

Early Publication Request: No

Title

Preliminary Class

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international a specific country of in regional patent offices. Applicants may wish to consider the ming of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same application under the rate of Cooperation freaty (FCT). An international (FCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process simplifies the filing of patent applications on the same invention in member countries, but does not result in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an Annual every country has its own patent law, and a person desiring a patent in a particular lows of many countries differ application for patent in that country in accordance with its particular laws. Since the laws of many countries differ application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the Applicants may wish to consult the OSF TO DOUNEL, General information on timeframes and deadlines for filing foreign section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it parent applications. The guide is available entire by contacting the cost to contact center at coordoc at http://www.uspto.gov/web/offices/pac/doc/general/index.html.

LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILIN LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications whe **GRANTED** the conditions for issuance of a license have been met, regardless of whether or not a license may be required set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earl section in 37 OFR 3.13. The scope and initiations of this notice are section in 37 OFR 3.13. The scope and initiations of this notification is subject to revocation upon written notification. T date indicated is the effective date of the license, unless an earlier license of similar scope has been grant

This license is to be retained by the licensee and may be used at any time on or after the effective date the under 37 CFR 5.13 or 5.14. unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 (

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the sul 1.53(d). This license is not retroactive. matter as imposed by any Government contract or the provisions of existing laws relating to espionage and national security or the export of technical data. Licensees should apprise themselves of current regula especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Con Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

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DESIGNATED/ELEC	TED OFFICE (DO/FO/US)	O.S. AFEIGATION NO. (If known, see 37 CFI 1.5)
INTERNATIONAL APPLICATION NO	ING UNDER 35 U.S.C. 371 O. INTERNATIONAL FILING DATE	
PCT/CA03/00838	June 2, 2003	PRICEIT LIGHT CRIMED June 6, 2002 CHEPISI
TITLE OF INVENTION		PE MAS
EP4 RECEPTOR AGONIST, COM	POSITIONS AND METHODS THER	70F
APPLICANT(S) FOR DO/EO/US Xavier Billot Pobert N. Varrage		6 7095 B
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other information:	e United States Designated/Elected O	The (DO/EOFES) the following items and
1. A This is a FIRST submission	n of items concerning a filing under 35	U.S.C. 371.
2. This is a SECOND or SUE	SEQUENT submission of items conce	rning a filing under 35 U.S.C. 371.
3. This is an express request to include items (5), (6), (9) and	o begin national examination procedure nd (19) indicated below.	s [35 U.S.C. 371(f)]. The submission must
4. X The US has been elected (F	PCT Article 31).	
5. A copy of the International	Application as filed [35 U.S.C. 371(c)(
a. is attached hereto (re	equired only if not communicated by the	International Duran
b. 🔀 has been communica	ted by the International Bureau.	miernational Bureau).
c. is not required, as the	application was filed in the United Sta	tes Receiving Office (RO/IS)
An English language transla	ition of the International Application as	filed [35 U.S.C. 371(c)(2)].
Amendments to the claims o	of the International Application under Po	CT Article 19 [35 II S C 271(a)(2)]
a. are attached hereto (re	equired only if not communicated by the	e International Bureau).
b. have been communicated	ated by the International Bureau.	
d. A have not been made; I	however, the time limit for making such	amendments has NOT expired.
All Lugusii language translati	ion of the amendments to the claims und	der PCT Article 19 [35 U.S.C. 371(c)(3)].
	inventor(s) [35 U.S.C. 371(c)(4)].	
10. An English language translati Article 36 [35 U.S.C. 371(c)(ion of the annexes to the International P (5)].	reliminary Examination Report under PCT
1. An Information Disclosure St.	document(s) or information included	:
2. An assignment document for	atement under 37 CFR 1.97 and 1.98.	
	recording. A separate cover sheet in co	mpliance with 37 CFR 3.28 and 3.31
3. A FIRST preliminary amendr		
4. A SECOND or SUBSEQUEN	NT preliminary amendment.	
5. A substitute specification.		
6. A power of attorney and/or cha	ange of address letter.	
7. A computer-readable form of t	the sequence listing in accordance with	PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
3. Under items or information:		MAIL CERTIFICATE
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U.S. APPLICATION NO. (If known,	ATTOF	TORNEY'S DOCKET NUMBER					
To be Assigned	MC058	ΥP					
19. X The following fe		CALCULATIONS	PTO USE ONLY				
BASIC NATIONAL FEE [37					F	0.120021110148	1 10 COL CIVET
Neither international prel international search fee [3 International Search Repo	37 CFR 1.445(a)(2)1	paid to l	CFR 1.482) nor USPTO and or JPO	\$1,110	.00		
International preliminary (USPTO but International	examination fee (37 e Search Report prepar	CFR 1.4 red by th	82) not paid to e EPO or JPO	\$950	.00		
International preliminary international search fee [3	examination fee (37 37 CFR 1.445(a)(2)]	CFR 1.4 paid to l	82) not paid to USPTO but JSPTO	\$790	.00		
International preliminary but all claims did not satis	examination fee paid of provisions of PC	to USP Γ Article	TO (37 CFR 1.482) 33(1)-(4)	\$750.	.00		
International preliminary of claims satisfied provisions	examination fee paid s of PCT Article 33(1	to USP:	TO (37 CFR 1.482) and all	\$100.	.00		
	ENTER AP	PROF	RIATE BASIC FEE	AMOUNT	=	\$950.00	
Surcharge of \$130.00 for f the earliest claimed priority	umishing the oat	h or de	claration later than 30				
Claims	Number File	d	Number Extra	Rate			· · ·
Total Claims	19 -	20 =	0	X \$18.00	,	\$0.00	
Independent Claims	2	- 3 =	0	X \$88.00	,	\$0.00	
Multiple dependent claim(s	s) (if applicable)			+ \$300.00	,	\$0.00	
	T	OTAL	OF ABOVE CALC	ULATIONS	=	\$950.00	
Applicant claims small e	entity status. See 3	7 CFR	1.27. The fees indicated				-
			S	UBTOTAL	=	\$950.00	
Processing fee of \$130.00 f from the earliest claimed pr	or furnishing the iority date (37 C	Englis FR 1.4	th translation later than 92(f)].	30 months	+		
			TOTAL NATIO	ONAL FEE	=	\$950.00	
Fee for recording the enclos accompanied by an appropr	sed assignment [3 iate cover sheet (37 CFR (37 CF	1.21(h)]. The assign	ment must be	+	4,550.00	
			TOTAL FEES E		_	\$950.00	
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a. A check in the am	ount of \$		to cover the above fee	s is enclosed.			
b. Please charge my A duplicate copy	Deposit Account of this sheet is en	No. <u>1</u>	3-2755 in the amount o	of \$950.00		to cover the above	fees.
c. The Commissione overpayment to th	r is hereby autho e Deposit Accou	rized to nt No.	o charge any additiona 13-2755. A duplicate	l fees which ma	ay be eet is	required, or credit a	any
NOTE: Where an appro [37 CFR 1.137(a) or (b)]	priate time limi must be filed ar	it unde nd grai	er 37 CFR 1.494 or 1. ated to restore the ap	495 has not be	en m endin	et, a petition to re g status.	vive
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Rahway, New Jersey 0706	5-0970		ℓ_{2}			ノ	1
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DATE: October 18, 2004			NA				
PHONE #: (732) 594-4909)		<u>36,4</u> RE0	36 GISTRATION	NUM	 IBER	

				ON AND	Attorney Docket Number	MC058Y	
				FORNEY R DESIGN	First Named Inventor	Xavier Billot, et al.	
	PATEN	T AF	PLI	CATION	C	OMPLETE IF KNOWN	
	(37	CFI	R 1.6	3)	Application Number		
X	Declaration Submitted			Declaration Submitted after Initial	Filing Date		
with Initial Filing	with Initial	OR		Filing (surcharge (37 CFR 1.16 (e))	Group Art Unit		
				required)	Examiner Name		

	·									
As a below named inventor, I hereby declare that:										
My residence, post office address, and citizenship are as stated below next to my name.										
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:										
EP4 RECEPTOR AGONIST, COMPOSITIONS AND METHODS THEREOF										
the specification of which	the specification of which (Title of the Invention)									
bears the Attorney Do	cket Number and Ti	tle of the In	vention noted above							
OR is attached hereto										
OR										
was filed on (MM/DD	/YYYY) <u> </u>	·	as United States Applica	ation Number or PCT Internation	nal					
Application Number			ended on (MM/DD/YYYY)	(if ap	plicable).					
I hereby state that I have re- amended by any amendmen	riewed and understa	nd the cont	ents of the above identified	specification, including the cla	ims, as					
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I acknowledge the duty to d	isclose to the Patent	and Trade	mark Office all information	known to me to be material to	patentability					
the filing date of the prior a	pplication and the n	uation-in-pa ational or P	art applications, material inf CT international filing date	ormation which became availal	ble between					
the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f) or 365(b) of any foreign application(s) for patent or inventor's certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate(s),										
	ipplication having a	filing date		on which priority is claimed.	· · · · · · · · · · · · · · · · · · ·					
Prior Foreign Application Number(s)	Country		Foreign Filing Date (MM/DD/YYYY)	Attorney Docket Number	Priority Claimed? YES NO					
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Additional foreign applica	tion numbers are lister	d on a supple	mental priority data sheet PTO/S	SB/02B attached hereto:						
I hereby claim the benefit under	35 U.S.C. 119(e) of ar	y United Sta	tes provisional application(s) lis	ted below.						
Application Nun	ıber(s)		Filing Date (MM/DD/YYYY)	Attorney Docket N	lumber					
50/386,499		06/06/20		MC058PV						
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DECLARATION AND POWER OF ATTORNEY for Utility or Design Patent Application

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Name		A. Ayler													
Address	Merck	& Co., Inc P	atent Dep	artment					_						
Address	P.O. Bo	ox 2000, RY6	0-30					<u> </u>							
City	Rahway	<u>y</u>				St	tate	NJ		ZI	P		07065-0	0907	
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Residence: City	Mont	real		State	Quebec		Coun	try	Canada			Citiz	enship	France	
Post Office Address		Merck & Co.,	Inc., P.O.	. Box 20	00										
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Additional in	inventors	are being name	d on the	sup	plemental A	dditic	mal Inver	ntors((s) sheet(s	s) PTO	/SB/0	 2A att	ached her	reto.	
															

DECLARATION AND POWER OF ATTORNEY

ADDITIONAL INVENTOR(S) Supplemental Sheet

Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor.													
					L	A	petiti	ion has t	been filed for this unsigned inventor				
Given Name (first and middle [if any])						Family Name or Surname							
Robert N.							Young						
Inventor's Signature		Much	<u>ノ</u>						Date	May 2	0/03		
Residence: City	Sen	Senneville State Quebec					Country CA			Citizenship CA			
Post Office Address		Merck & Co., Inc., P.O. Box 2000											
City	City Rahway					zate NJ ZIP 07065-0907			07				
		oint Inventor, if any:] A	petitio	on has b	een filed f	or this unsigne	d inventor		
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Inventor's Signature		Cala.	~	_					Date	may	20/03		
Residence: City	Kirkland State Quebec					Cour	itry	CA		Citizenship	CA		
Post Office Address		Merck & Co., Inc., P.O.	Box 200	0									
City		Rahway			Sta	ate NJ ZIP			ZIP	07065-0907			
		int Inventor, if any:] A j	etitio	n has be	en filed fo	or this unsigned	i inventor		
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